

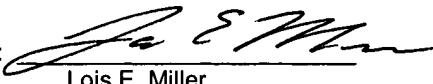


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PATENT

Atty. Docket No.
ALZ5116USANP

CN 27777

Date: 6/4, 2004 By: 
Lois E. Miller

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ramkumar SUBRAMANIAN et al.

Serial No.: 10/777,415

Group Art Unit: to be assigned

Filed: February 11, 2004

Examiner: to be assigned

For: METHODS AND DOSAGE FORMS WITH
MODIFIED LAYER GEOMETRY

INFORMATION DISCLOSURE STATEMENT

Mail Stop: MISSING PARTS
Honorable Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under § 1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114, no additional fee is required.

In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with
 the first or second After Final Submission, therefore:

Statement in Accordance with §1.97(e) (attached); or
 Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in
§1.17(p).

In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set
forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under
§1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

Statement in Accordance with §1.97(e) (attached); or
 Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in
§1.17(p).

In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing
date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue
Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are:
Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

In view of the voluminous nature of references [list as appropriate], and the likelihood that
these references are available to the Examiner, copies are not enclosed herewith.

If any of the foregoing publications are not available to the Examiner, Applicant will endeavor
to supply copies at the Examiner's request.

Copies of only foreign patent documents and non-patent literature are enclosed in accordance with
37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-
1449 are not enclosed because this U.S. patent application was filed after June 30, 2003 or this international application
has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37
CFR 1.98 (a)(2)(i).

There are no listed references which are not in the English language.

The relevance of those listed references which are not in the English language is as follows:

Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750.

Respectfully submitted,



Attorney for Applicants

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Enclosed:

1. Non-Patent References BN-BX (11 references)



PTO-SB-08A (08-00)

Approved for use through 10-31-2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Application Number	10/777,415
Filing Date	February 11, 2004
First Named Inventor	Ramkumar SUBRAMANIAN
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	ALZ5116USANP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Kind Code ² Number	(if known)			
AB	5,633,011			DONG et al.	05-27-1997	
AC	5,620,705			DONG et al.	04-15-1997	
AD	5,536,507			ABRAMOWITZ	7-16-1996	
AE	5,252,338			JAO et al.	10-12-1993	
AF	5,190,765			JAO et al.	03-02-1993	
AG	5,169,638			DENNIS et al.	12-08-1992	
AH	5,160,743			EDGREN et al.	11-03-1992	
AI	5,156,850			WONG et al.	10-20-1992	
AJ	5,126,142			AYER et al.	06-30-1993	
AK	5,024,842			EDGREN et al.	06-18-1991	
AL	5,019,397			WONG et al.	05-28-1991	
AM	5,006,346			EDGREN et al.	04-09-1991	
AN	4,940,465			THEEUWES et al.	07-10-1990	
AO	4,931,285			EDGREN et al.	06-05-1990	
AP	4,915,949			WONG et al.	04-10-1990	
AQ	4,892,778			THEEUWES et al.	01-09-1990	
AR	4,681,583			URQUHART et al.	07-21-1987	
AS	4,578,075			URQUHART et al.	03-07-1978	
AT	4,519,801			EDGREN	05-28-1985	
AU	4,327,725			CORTESE et al.	05-04-1982	
AV	4,207,893			MICHAELS	06-17-1980	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Application Number	10/777,415
Filing Date	February 11, 2004
First Named Inventor	Ramkumar SUBRAMANIAN
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	ALZ5116USANP

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
	Cite No. ¹	Kind Code ² Number			
AW	4,160,020		AYER et al.	07-03-1979	
AX	4,111,202		THEEUWES	09-05-1978	
AY	4,088,864		THEEUWES et al.	05-09-1978	
AZ	4,077,407		THEEUWES et al.	03-07-1978	
BA	4,008,719		THEEUWES et al.	02-22-1977	
BB	4,002,173		MANNING et al.	01-11-1977	
BC	3,995,631		HIGUCHI	12-07-1976	
BD	3,916,899		THEEUWES et al.	11-04-1975	
BE	3,865,108		HARTOP	02-11-1975	
BF	3,845,770		THEEUWES et al.	11-05-1974	
BG	3,546,142		MICHAELS et al.	12-08-1970	
BH	3,541,006		BIXLER et al.	11-17-1970	
BI	3,541,005		STRATHMANN et al.	11-17-1970	
BJ	3,276,586		ROSEAN	10-04-1966	
BK	3,173,876		ZOBRIST	03-16-1965	
BL	3,133,132		LOEB et al.	05-12-1964	
BM	2,799,241		WURSTER	07-16-1957	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 3 of 3

Application Number 10/777,415

Filing Date February 11, 2004

First Named Inventor Ramkumar SUBRAMANIAN

Group Art Unit To be assigned

Examiner Name To be assigned

Attorney Docket Number ALZ5116USANP

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	KindCode ⁵				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials ²	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	BN	Larry HIXON, et al., <u>Chemical Engineering</u> , 94-103, November 1990. "Sizing Materials by Crushing and Grinding"	
	BO	Mark A. LONGER et al., <u>Remington's Pharmaceutical Sciences</u> , 18 th Ed., Chapter 91, Pages 1676-1693, 1990. "Sustained-Release Drug Delivery Systems"	
	BP	Robert E. O'CONNOR et al., <u>Remington's Pharmaceutical Sciences</u> , 18 th Ed., Chapter 88, Pages 1615-1632, 1990. "Powders"	
	BQ	Eugene L. PARROTT, <u>Journal of Pharmaceutical Sciences</u> , 61(6):813-829, 1974. "Milling of Pharmaceutical Solids"	
	BR	<u>Perry's Chemical Engineers Handbook</u> , Sixth Edition, Perry, Green & Mahoney Editors, pages 21-13 to 21-19, McGraw-Hill Book Company, 1984..	
	BS	<u>Physician's Desk Reference</u> , 56 th Ed., "FLEXERIL® (CYCLOBENZAPRINE HCL)," pp. 572-573, 2002.	
	BT	B.P. ROUSE, Jr., <u>Encyclopedia of Polymer Science and Technology</u> , 3:325-354, Interscience Publishers, NY, 1964. "Cellulose Esters, Organic"	
	BU	Giancarlo SANTUS et al., <u>Journal of Controlled Release</u> , 35:1-21, 1995. "Osmotic drug delivery: a review of the patent literature"	
	BV	W.J. ROFF et al., <u>Handbook of Common Polymers</u> , CRC Press, Cleveland Ohio, 1971.	
	BW	Dale E. WURSTER, <u>J. Am. Pharm. Assoc</u> , 48(8):451-454, August 1959. "Air-Suspension Technique of Coating Drug Particles"	
	BX	Dale E. WURSTER, <u>J. Am. Pharm. Assoc</u> , 49(2):82-84, February 1960. "Preparation of Compressed Tablet Granulations by the Air-Suspension Technique II"	

Examiner Signature	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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